

PATENT ABSTRACTS OF JAPAN

FP1091PCT-US

Spec-②

(11)Publication number : 03-220120

(43)Date of publication of application : 27.09.1991

(51)Int.Cl.

A61K 9/70

C08L 33/08

(21)Application number : 02-237382

(71)Applicant : NITTO DENKO CORP

(22)Date of filing : 06.09.1990

(72)Inventor :
AKEMI HITOSHI
KINOSHITA TAKASHI
OTSUKA SABURO
HOSAKA YOSHIFUMI
NAKANO YOSHIHISA

(30)Priority

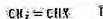
Priority number : 40134463 Priority date : 28.12.1989 Priority country : JP

(54) ACRYLIC GEL MATERIAL AND ACRYLIC GEL PREPARATION

(57)Abstract:

PURPOSE: To obtain an acrylic gel material having excellent balance of skin adhesiveness and skin irritation by forming a crosslinked gel layer containing an acrylic ester-based polymer and a little more amount of a liquid component having compatibility with the polymer than a common percutaneous preparation on one side of substrate.

CONSTITUTION: A crosslinked gel layer containing an acrylic ester-based polymer, preferably a copolymer of a (meth)acrylic ester containing ≥ 4 C alkyl group and a monomer shown by formula I and/or formula II (R is H or methyl; X is group containing at least one N or N and O) and a liquid component (e.g. glycols, fats and oils and organic solvent) having compatibility with the polymer in a weight ratio of the polymer to the liquid component of (1.0:0.25)-(1.0:2.0), especially (1.0:0.6)-(1.0:1.8) is formed at least one side of a substrate. 1-40wt.%, preferably 3-30wt.% drug is added to the gel layer to give an acrylic gel preparation for continuously administering the drug through the skin to organisms.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]